

IN THE CLAIMS:

Please amend the claims as follows:


1 1. (Currently amended) A prosthesis ~~adapted for contact with~~ that contacts the sclera of an
2 eyeball, said prosthesis comprising a body having a first end and a second end, said body having a
3 planform ~~adapted to expand~~ that expands said contacted sclera to increase the effective working
4 distance of the ciliary muscle of the eyeball.

BD 2. (Currently amended) The prosthesis set forth in Claim 1 wherein said body further
2 comprises a top surface that is ~~adapted to contact~~ contacts ocular tissue within a pocket surgically
3 formed within the sclera of the eyeball.

1 3. (Currently amended) The prosthesis set forth in Claim 2 wherein said top surface is
2 circumferentially shaped and ~~adapted to exert~~ exerts an outward force on the scleral pocket to elevate
3 the portion of the sclera attached thereto to increase the effective working distance of the ciliary
4 muscle of the eyeball.

1 4. (Original) The prosthesis set forth in Claim 2 wherein said body further comprises a
2 means for stabilizing said prosthesis within said surgically formed pocket within the sclera of the
3 eyeball.

1 5. (Currently amended) The prosthesis set forth in Claim 4 wherein said stabilizing means
2 includes a bottom surface that ~~is adapted to contact~~ contacts ocular tissue within said surgically
3 formed pocket.

 1 6. (Previously amended) The prosthesis set forth in Claim 5 wherein an ocular tissue contact
2 area of said bottom surface of said body is at least substantially equal to an ocular tissue contact area
3 of said top surface of said body.

1 7. (Currently amended) The prosthesis set forth in Claim 4 wherein said stabilizing means
2 includes at least one of said first end and said second end that ~~is adapted to fix~~ fixes said body within
3 said surgically formed pocket.

1 8. (Currently amended) The prosthesis set forth in Claim 7 wherein said at least one of said
2 first end and said second end ~~include~~ has a partially concave top surface.

1 9. (Currently amended) The prosthesis set forth in Claim 7 wherein said at least one of said
2 first end and said second end ~~include~~ has a partially convex top surface.

1 10. (Currently amended) The prosthesis set forth in Claim 7 wherein said at least one of said
2 first end and said second end ~~include~~ has a partially concave bottom surface.

1 11. (Currently amended) The prosthesis set forth in Claim 7 wherein said at least one of said
2 first end and said second end ~~include~~ has a partially convex bottom surface.


BS

1 12. (Currently amended) A prosthesis ~~adapted for contact with~~ that contacts the sclera of an
2 eyeball, said prosthesis comprising a body having a first end and a second end, said body having a
3 planform ~~adapted to expand~~ that expands said contacted sclera to increase the effective working
4 distance of the ciliary muscle of the eyeball and further means for stabilizing said prosthesis within
5 said surgically formed pocket within the sclera of the eyeball.

1 13. (Currently amended) The prosthesis set forth in Claim 12 wherein said body further
2 comprises a top surface that ~~is adapted to contact~~ contacts ocular tissue within a pocket surgically
3 formed within the sclera of the eyeball.

1 14. (Currently amended) The prosthesis set forth in Claim 13 wherein said top surface is
2 circumferentially shaped and ~~adapted to exert~~ exerts an outward force on the scleral pocket to
3 elevate the portion of the sclera attached thereto to increase the effective working distance of the
4 ciliary muscle of the eyeball.

1 15. (Currently amended) The prosthesis set forth in Claim 12 wherein said stabilizing means
2 includes a bottom surface that ~~is adapted to contact~~ contacts ocular tissue within said surgically
3 formed pocket.


 1 16. (Previously amended) The prosthesis set forth in Claim 15 wherein an ocular tissue
2 contact area of said bottom surface of said body is at least substantially equal to an ocular tissue
3 contact area of said top surface of said body.

1 17. (Currently amended) The prosthesis set forth in Claim 12 wherein said stabilizing means
2 includes at least one of said first end and said second end that ~~is adapted to fix~~ fixes said body within
3 said surgically formed pocket.

1 18. (Currently amended) The prosthesis set forth in Claim 17 wherein said at least one of
2 said first end and said second end ~~include~~ has a partially concave top surface.

1 19. (Currently amended) The prosthesis set forth in Claim 17 wherein said at least one of
2 said first end and said second end ~~include~~ has a partially convex top surface.

1 20. (Original) The prosthesis set forth in Claim 17 wherein said at least one of said first end
2 and said second end has a partially concave bottom surface.


1 21. (Original) The prosthesis set forth in Claim 17 wherein said at least one of said first end
2 and said second end has a partially convex bottom surface.

1 22. (Currently amended) A prosthesis ~~adapted for contact with~~ for contacting the sclera of
2 an eyeball, said prosthesis comprising:

3 a body having at least one end portion which is wider than an incision forming a
4 scleral pocket for containing said prosthesis, a remainder of said body extending from said at least
5 one end portion in a direction substantially perpendicular to a width dimension of said at least one
6 end portion,

7 a bottom surface of said body having at least one concave region separated from an
8 end of said body by a flat surface,

9 said at least one concave region having a radius of curvature of approximately 500
10 five hundred microns,

11 whereby said prosthesis exerts an outward force on said scleral pocket to elevate a
12 portion of the sclera attached thereto when said prosthesis is disposed within said scleral pocket, and

13 wherein said at least one end portion ~~extends~~ is configured to extend beyond said
14 scleral pocket.

1 23. (Currently amended) The prosthesis as set forth in Claim 22, wherein said body includes
2 a major convex surface having a radius of curvature of approximately 9 nine millimeters.

1 24. (Previously added) The prosthesis as set forth in Claim 22, wherein end portions of said
2 body are sloped.
